

Appendix A: At A Glance

Demographics
Pregnancy Outcomes
Oral Health
Communicable Disease
Leading Causes of Death
Injury Deaths
Environmental Hazards

DEMOGRAPHICS AT A GLANCE
United States, Virginia, New River Health District and Localities
1997

<i>Indicators</i>	<i>United States</i>	<i>Virginia</i>	<i>New River Health District</i>	<i>Floyd</i>	<i>Giles</i>	<i>Montgomery</i>	<i>Pulaski</i>	<i>Radford</i>
Population	264,396,000	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
Median age	34.6	32.6	32.0	37.8	38.1	25.6	36.6	22.0
Percent under age 18	26.0%	24.6%	18.7%	22.5%	22.3%	17.2%	22.4%	12.2%
Percent age 65 and over	12.8%	10.7%	10.9%	16.6%	16.7%	8.1%	14.7%	8.5%
Percent Minority		21.7%	7.0%	2.8%	2.0%	8.0%	6.2%	8.1%
Income*:								
Per Capita	\$18,696	\$15,713	\$10,750	\$10,532	\$11,462	\$10,979	\$11,074	\$9,704
Median Personal		\$38,213	\$29,672	\$27,439	\$29,416	\$32,128	\$28,057	\$31,318
Median Household	\$33,585	\$33,328	\$22,570	\$22,968	\$24,125	\$22,949	\$23,319	\$19,487
Median Family Household		\$38,213	\$29,672	\$27,439	\$29,415	\$332,128	\$28,057	\$31,318
Median Nonfamily Household		\$21,030	\$11,565	\$11,308	\$10,391	\$13,183	\$11,977	\$10,966
Percent Unemployed		4.4%	9.0%	5.3%	7.0%	3.6%	9.4%	4.2%
Percent with Medicaid		7.9%		9.3%	8.9%	7.9%	7.9%	5.0%
Children Receiving TANF (per 1,000)		58.8		39.7	33.4	53.2	62.5	58.7
Poverty*:								
Percent under 100% poverty	15.1%	10.2%	10.2%	15%	13%	24%	14%	34%
Percent under 200% poverty		26.2%	26.2%	35.2%	32.5%	35.8%	34.6%	41.2%
Available Child Day Care Slots		236,173	4,115	91	287	2,421	623	693
Physician-to-Population Ratio	NA	NA	NA	1:3988	1:1637	1:3696	1:2654	1:911
Years of school completed*:								
< 9 th grade		11.2%	17.8%	25.5%	17.9%	13.4%	20.2%	11.8%
9 th -12 th grade, no diploma		13.7%	15.6%	14.3%	17.6%	13.0%	20.2%	12.7%
High school graduate		26.6%	28.3%	34.6%	38.6%	21.1%	27.4%	19.7%
Some college, no degree		18.5%	14.3%	11.0%	12.3%	15.3%	14.5%	18.3%
Associate degree		5.5%	5.8%	4.3%	4.7%	5.5%	6.2%	8.3%
Bachelor's degree		15.4%	10.1%	6.9%	5.3%	15.4%	7.6%	15.2%
Graduate or professional degree		9.1%	8.2%	3.4%	3.6%	16.2%	3.9%	13.8%
Percent Over Age 25 Not High School Graduate*		24.8%	33.3%	39.8%	35.5%	26.4%	40.4%	24.6%
School Health Nurses (FTEs)		NA	6.47	0.73	1.0	1.0	2.67	0.87
School Health Nurses (FTEs) Needed to Obtain Year 1998 Goal: 1 Nurse/1,000 Students		NA	13.85	1.2	1.57	8.12	2.29	0.67

*Based on 1990 Census

Sources: *Virginia Primary Care Data Profile*, Virginia Primary Care Association, Inc., January 1998.

New River Valley Planning District Commission, June 1992.

The Uninsured Among Us, Virginia Health Care Summit, 1997.

School Nursing Services, Virginia Department of Health, April, 1997.

PREGNANCY OUTCOMES AT A GLANCE
Virginia, New River Health District and Localities
1995

<i>Indicators</i>	<i>Virginia</i>	<i>New River Health District</i>	<i>Floyd</i>	<i>Giles</i>	<i>Montgomery</i>	<i>Pulaski</i>	<i>Radford</i>
Childbearing Population:							
Females ages 15-44		40,340	2,386	3,191	21,243	7,210	6,310
Females ages 10-19		12,524	722	1,938	5,708	1,940	2,264
Number of total pregnancies	124,915	2,344	185	237	1,219	484	219
Pregnancy Rate Per 100,000 Population by Age of Mother:							
Ages 10-19	37.4	30.7	31.0	51.5	26.4	45.0	21.6
Ages 15-17	51.1	48.0	50.1	62.9	44.8	38.6	74.3
Ages 15-44	59.5	41.2	65.0	60.5	37.8	55.9	17.3
Percent beginning prenatal care in the first trimester care	82.4%	83.5%	87.1%	71.5%	84.8%	85.4%	82.6%
Percent receiving no prenatal care	1.0%	0.8%	0%	1%	0.6%	1.2%	1.8%
Number live births	91,871	1,663	155	193	803	403	109
Number teenage live births	10,479	228	17	40	75	72	24
Percent low weight live births	7.8	8.0	3.9	8.3	7.6	10.9	5.5
Percent five year low birth weight (1991-1995)	7.5%	NA	6.0%	6.4%	6.2%	8.5%	5.3%
Percent nonmarital births	29.3%	24.4%	16.8%	26.9%	20.7%	32.0%	29.4%
Percent nonmarital teenage births	77.7%	61.8%	41.2%	67.5%	65.3%	58.3%	66.7%
Infant mortality rate per 1,000 live births	7.7	8.4	0.0	20.7	2.5	17.4	9.2
Five year infant mortality rate per 1,000 live births (1991-1995)	8.8	6.9	10.4	6.5	5.4	9.0	6.8

Sources: *Virginia Primary Care Data Profile*, Virginia Primary Care Association, Inc., January 1998.
Virginia Health Statistics 1995, Center for Health Statistics, Virginia Department of Health, January 1997.

ORAL HEALTH AT A GLANCE
Virginia, New River Health District and Localities
1997

Indicators	Virginia	New River Health District	Floyd	Giles	Montgomery	Pulaski	Radford
Population	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
Population below 100% poverty*	668,261	15,935	1,833	2,111	18,439	4,808	5,640
Population below 200% poverty*	1,716,513	40,930	4,301	5,278	27,505	11,883	6,834
Medicaid:							
Dental Medicaid eligible to age 20	290,474	5,776	512	595	2,598	1,645	426
Medicaid patients treated in public health clinics	19,058	331	0	0	331	0	0
Total Medicaid patients treated	105,372	3,229	239	311	1,512	940	227
Nonmedicaid patients treated in public health clinics	36,942	601	0	0	601	0	0
Number of providers with Medicaid compensation > \$5,000	434	15	2	2	8	3	0
General dentist to population ratio	1:2,536	1:3,719	1:6,109	1:2,320	1:4,519	1:3,816	1:2,370
Total dentist to population ratio	1:2,002	1:2,893	1:6,109	1:2,320	1:2,846	1:3,816	1:1,843
Number of public health dentists	48	1	0	0	1	0	0
Number of general dentists	2,591	42	2	7	17	9	7
Number of specialists	643	11	0	0	9	0	2
School population	1,026,568	20,144	1,913	2,553	9,121	5,130	1,427
Number and percent of children receiving free lunch	265,215 26%	4,866 24%	457 24%	592 23%	2,214 24%	1,385 27%	218 15%
School Screenings Grades K-5:							
Number of children screened		9,351	1,079	1,189	4,250	1,993	840
Number and percent of children referred		1,123 12%	128 12%	176 15%	429 10%	331 17%	59 7%
Total number of community water systems	1,460	91	14	23	29	24	1
Number fluoridated community water systems	159	16	0	2	6	7	1
Percent population served by fluoridated water	78.6%	69.3%	0%	33%	82.6%	68%	96.2%
Number nonfluoridated community water systems	1,301	75	14	21	23	17	0
Percent population served by nonfluoridated water	8.3%	6.5%	20.8%	23%	3.7%	3%	0%
Percent population on private water systems	13.1%	24.2%	79.2%	44%	13.7%	29%	3.8%

* Based on 1990 Census.

Sources: *Census/Free Lunch Information Data*, Virginia Department of Health, Division of Dental Health, December 1997.

Availability of Dental Health Services, Division of Dental Services, Virginia Department of Health, May 1997.

COMMUNICABLE DISEASE STATISTICS AT A GLANCE
Number of Reported Cases and Incidence Per 100,000 Population
United States, Virginia, New River Health District and Localities
1996

	<i>United States</i>	<i>Virginia</i>	<i>NRHD</i>	<i>Number (Incidence)</i>				
	<i>Number (Incidence)</i>	<i>Number (Incidence)</i>	<i>Number (Incidence)</i>	<i>Floyd</i>	<i>Giles</i>	<i>Montgomery</i>	<i>Pulaski</i>	<i>Radford</i>
Population	264,396,000	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
AIDS	66,885 (25.2)	1,211 (18.5)	8 (5.2)	0 (0.0)	1 (6.1)	2 (2.6)	4 (11.6)	1 (6.2)
ASEPTIC MENINGITIS	*	234 (3.6)	5 (3.2)	3 (23.9)	0 (0.0)	0 (0.0)	2 (5.8)	0 (0.0)
BACTERIAL MENINGITIS	**	77 (1.2)	3 (1.9)	1 (8.0)	0 (0.0)	1 (1.3)	0 (0.0)	1 (6.2)
CAMPYLOBACTOR	***	790 (12.1)	22 (14.2)	0 (0.0)	1 (6.1)	12 (15.9)	5 (14.5)	4 (24.8)
CHICKEN POX	83,511 (44.1)	1,778 (27.1)	9 (5.8)	0 (0.0)	0 (0.0)	6 (8.0)	0 (0.0)	3 (18.6)
CHLAMYDIA	498,884 (188.1)	11,755 (179.4)	136 (87.6)	3 (23.9)	5 (30.1)	68 (90.0)	26 (75.4)	34 (210.4)
ENCEPHALITIS, Primary	*	26 (0.4)	1 (0.6)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.9)	0 (0.0)
GIARDIASIS	***	405 (6.2)	10 (6.4)	1 (8.0)	2 (12.2)	5 (6.6)	1 (2.9)	1 (6.2)
GONORRHEA	325,883 (122.8)	9,292 (141.8)	31 (20.0)	1 (8.0)	2 (12.2)	14 (18.5)	6 (17.4)	8 (49.5)
HEPATITIS A	31,032 (11.7)	218 (3.3)	1 (0.6)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.9)	0 (0.0)
HEPATITIS B	10,637 (4.0)	163 (2.5)	2 (1.3)	0 (0.0)	0 (0.0)	0 (0.0)	2 (5.8)	0 (0.0)
HIV INFECTION	***	987 (15.1)	2 (1.3)	0 (0.0)	0 (0.0)	0 (0.0)	2 (5.8)	0 (0.0)
INFLUENZA	***	957 (14.6)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
KAWASAKI SYNDROME	***	19 (0.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
LEGIONELLOSIS	1,198 (0.5)	54 (0.8)	23 (14.8)	1 (8.0)	2 (12.2)	16 (21.2)	2 (5.8)	2 (12.4)
LYME DISEASE	16,455 (6.2)	57 (0.9)	1 (0.6)	0 (0.0)	0 (0.0)	1 (1.3)	0 (0.0)	0 (0.0)
MALARIA	1,800 (0.1)	60 (0.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
MEASLES (Rubeola)	508 (0.2)	3 (0.1)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
MENINGOCOCCAL	3,437 (1.3)	67 (1.0)	2 (1.3)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.9)	1 (6.2)
MUMPS	751 (0.3)	19 (0.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
PERTUSSIS	7,796 (2.9)	108 (1.6)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
RABIES IN ANIMALS	6,982 (-)	612 (-)	2 (0.3)	0 (0.0)	0 (0.0)	0 (0.0)	2 (5.8)	0 (0.0)
ROCKY MTN SPOTTED FEVER	831 (0.3)	54 (0.8)	1 (0.6)	0 (0.0)	0 (0.0)	0 (0.0)	1 (2.9)	0 (0.0)
SALMONELLOSIS	45,471 (17.2)	1,229 (18.8)	21 (13.5)	1 (8.0)	2 (12.2)	7 (9.3)	7 (20.3)	4 (24.8)
SHIGELLOSIS	25,978 (9.8)	746 (11.4)	6 (3.9)	0 (0.0)	0 (0.0)	5 (6.6)	1 (2.9)	0 (0.0)
SYPHILIS	52,976 (20.0)	798 (12.2)	4 (2.6)	0 (0.0)	0 (0.0)	1 (1.3)	2 (5.8)	1 (6.2)
TUBERCULOSIS	21,337 (8.0)	349 (5.3)	3 (1.9)	0 (0.0)	0 (0.0)	2 (2.6)	1 (2.9)	0 (0.0)

* No longer nationally notifiable ** Not separated nationally *** Not listed
 Sources: *Reportable Disease Surveillance 1996*, Virginia Department of Health, Office of Epidemiology.
Healthy Virginia Communities, Virginia Department of Health, June 1997.

CHRONIC DISEASE AT A GLANCE

Ten Leading Causes of Death
Number and Age-Adjusted Rates Per 100,000 Population
United States, Virginia, New River Health District and Localities
1995

CAUSE OF DEATH		<i>United States</i>	<i>Virginia</i>	<i>NRHD</i>	<i>Floyd</i>	<i>Giles</i>	<i>Montgomery</i>	<i>Pulaski</i>	<i>Radford</i>
		<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>	<i>Number (Rate)</i>
	Population	264,396,000	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
	DEATH FROM ALL CAUSES	2,312,203 (502.9)	52,507 (504.5)	1,306 (481.9)	126 (425.8)	210 (594.8)	483 (453.7)	381 (537.2)	106 (520.7)
	HEART DISEASE	738,781 (138.2)	15,766 (137.2)	431 (146.2)	42 (125.7)	64 (147.6)	162 (143.9)	134 (164.9)	29 (147.4)
	CANCER	537,969 (129.8)	12,510 (132.7)	270 (109.3)	22 (72.6)	50 (135.9)	97 (98.6)	75 (120.3)	26 (134.2)
	CEREBROVASCULAR DISEASE	158,061 (26.7)	3,781 (29.4)	104 (29.8)	9 (15.5)	15 (33.2)	40 (32.0)	34 (30.8)	6 (29.0)
	COPD	104,756 (21.2)	2,247 (20.5)	57 (20.5)	4 (13.4)	8 (15.7)	20 (21.2)	19 (21.0)	6 (30.0)
	UNINTENTIONAL INJURY	89,703 (29.2)	2,170 (27.8)	59 (30.5)	9 (75.6)	8 (65.8)	22 (24.0)	15 (39.9)	5 (19.2)
	PNEUMONIA/INFLUENZA	83,528 (13.0)	1,873 (13.3)	48 (12.6)	8 (14.8)	6 (12.2)	19 (13.4)	15 (14.0)	0
	DIABETES MELLITUS	59,085 (13.2)	1,159 (11.7)	29 (11.4)	0	6 (15.0)	17 (18.1)	5 (6.7)	1 (2.7)
	HIV/AIDS	42,506 (15.4)	811 (11.4)	2 (1.3)	1 (7.4)	0	0	1 (2.7)	0
	SUICIDE	30,893 (11.0)	809 (11.2)	25 (15.0)	0	6 (34.6)	8 (10.6)	8 (21.3)	3 (14.3)
	SEPTICEMIA	21,123 (4.1)	712 (6.4)	12 (4.9)	2 (3.6)	0	3 (4.3)	6 (9.1)	1 (2.7)

Sources: *Monthly Vital Statistics Report*, Vol. 45, No. 11, Centers for Disease Control and Prevention, 1997.

Virginia Health Statistics 1995, Center for Health Statistics, Virginia Department of Health, 1997.

INJURY DEATHS AT A GLANCE
Selected Injury Deaths
Number and Age-Adjusted Rates Per 100,000 Population*
United States, Virginia, New River Health District and Localities
1995

Injury Deaths	<i>United States Number (Rate)</i>	<i>Virginia Number (Rate)</i>	<i>New River Health District Number (Rate)</i>	<i>Floyd Number (Rate)</i>	<i>Giles Number (Rate)</i>	<i>Montgomery Number (Rate)</i>	<i>Pulaski Number (Rate)</i>	<i>Radford Number (Rate)</i>
Population	264,396,000	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
Suicide	31,283 (11.2)	809 (11.2)	25 (15.0)	0 (0.0)	6 (34.6)	8 (10.6)	8 (21.3)	3 (14.3)
Homicide	20,812 (9.4)	513 (8.0)	9 (5.7)	3 (28.7)	1 (4.4)	1 (0.7)	4 (11.8)	0 (0.0)
Alcohol-Related motor vehicle crashes (per 100,000 licensed drivers)	15,386 (23.5)	381 (19.3)	21 (19.3)	4 (41.0)	4 (31.7)	7 (13.3)	6 (23.6)	0 (0.0)

* Rates for Alcohol-Related Motor Vehicle Crashes are expressed per 100,000 Licensed Drivers.

Sources: *Monthly Vital Statistics Report*, Volume 45, No. 11, Centers for Disease Control, October 1997.

Virginia Health Statistics 1995, Centers for Disease Statistics, Virginia Department of Health, 1997.

Traffic Safety Facts 1995, National Highway Traffic Safety Administration, September 1996.

1995 Virginia Traffic Crash Facts, Virginia Department of Motor Vehicles, August 1997.

ENVIRONMENTAL HAZARDS AT A GLANCE
Virginia, New River Health District and Localities
1997

<i>Indicators</i>	<i>Virginia</i>	<i>New River Health District</i>	<i>Floyd</i>	<i>Giles</i>	<i>Montgomery</i>	<i>Pulaski</i>	<i>Radford</i>
Population	6,551,576	156,223	12,219	16,240	76,831	34,345	16,588
Number of Community (Public) Water Systems	1,460	91	14	23	29	24	1
Percent distribution of community water systems by locality			15%	25%	33%	26%	1%
Number of housing units*		60,609	5,505	7,098	27,770	14,740	5,496
<i>Water Supply Systems*:</i>							
Number and percent of housing units on:							
Community (Public) Water Systems		40,947	441	3,927	20,731	10,382	5,466
		68%	8%	56%	75%	70%	99.5%
Drilled Wells		13,941	3,005	1,664	5,766	3,486	20
		23%	55%	23%	21%	24%	0.4%
Dug Wells		1,008	239	98	408	263	0
		1%	4%	1%	1%	2%	0%
Other Water Sources		4,713	1,820	1,409	865	609	10
		8%	33%	20%	3%	4%	0.1%
<i>Wastewater Disposal Systems*:</i>							
Number and percent of housing units on:							
Public Sewer		32,899	410	2,560	18,188	6,383	5,358
		54%	7%	36%	65%	43%	97.4%
Septic Tanks/Cesspools		26,028	4,622	4,277	9,088	7,908	133
		43%	84%	60%	33%	54%	2.5%
Other Means of Sewage Disposal		1,682	473	261	494	449	5
		3%	9%	4%	2%	3%	0.1%
Number of reported animal bites to humans	16,313	581	44	51	273	162	51
Reported animal rabies cases	690	11	4	1	4	2	0
Number of persons receiving rabies post-exposure							
Treatment	637	25	3	3	12	6	1
Children 9 years and younger with elevated blood lead							
levels (1996)	665	2	0	0	1	1	0
Lead poisoning rate per 100,000 children ages 0-9 years	76.1	12.2	0	0	0	51.1	0
Number of miles of impaired waters	1,456	52.3	0	0	30.3	22.0	0
Priority ranking of impaired waters (1995)	Low, Medium, & High	Low, Medium			Low, Medium	Low	

* Based on 1990 Census.

Sources: New River Valley Planning District Commission, June 1992.

Office of Water Programs, Virginia Department of Health, 1997.

Local Zoonoses Data, Office of Epidemiology, Virginia Department of Health, 1990-1997.

303(b) TMDL, Virginia Department of Environmental Quality, May 1997.